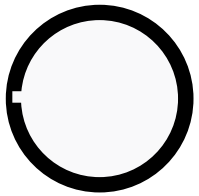
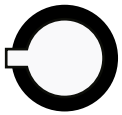
# Warps

## Parasite V1.0

| | |  |  |  | | | | AUX |
|---|---|---|---|---|---|---|---|---|
| | Binaural Doppler Panner | X Coord | Y Coord | Space Size:<br>Unlit = smallest<br>↓<br>Red = Largest | Lfo<br>Frequency | Lfo<br>Amplitude | Out | Out<br>(Symmetrical<br>On Axis) |
| | Wavefolder | Number Of<br>Folds | Input<br>Bias | Int<br>Osc | Input<br>Amplitude/<br>Osc Frequency | Input<br>Amplitude | Out | Sum Of 1+2<br>Or<br>Int Osc Out |
| | Chebyschev Mode | Chebyschev<br>Order | Waveshaper<br>Gain | Int<br>Osc | Input<br>Amplitude/<br>Osc Frequency | Input<br>Amplitude | Out | Sum Of 1+2<br>Or<br>Int Osc Out |
| | Frequency Shifter | Frequency<br>Shift | X-fade<br>Between<br>Up/down<br>Outputs | Mode:<br>None<br>Sine<br>2 Harmonics<br>4 Hamonics | Feedback | Dry/wet | Up | Down |
| | Dual Bit Mangler | Bit-degradation<br>Amount | X-modulation.<br>Morphs Between<br>Dry, Bitwise And<br>And Bitwise Xor. | Int<br>Osc | Input<br>Amplitude/<br>Osc Frequency | Input<br>Amplitude | Out | Sum Of 1+2<br>Or<br>Int Osc Out |
| | Comparator With<br>Chebyschev Waveshaper | Morph Between<br>8 Analog-like<br>Comparison<br>Functions | Order/<br>Harmonic Shifts | Int<br>Osc | Input<br>Amplitude/<br>Osc Frequency | Input<br>Amplitude | Out | Sum Of 1+2<br>Or<br>Int Osc Out |
| | Vocoder | Frequency<br>Warping | Release<br>Time | Int<br>Osc | Input<br>Amplitude/<br>Osc Frequency | Input<br>Amplitude | Out | Sum Of 1+2<br>Or<br>Int Osc Out |
| | Variable Rate Delay | Delay Speed/<br>Direction | Delay<br>Length | Mode:<br>Open Fb Loop<br>Dual<br>Analog<br>Ping-pong | Feedback | Dry/wet | Out 1 | Out 2 |
| | Meta-mode | See Original Documentation | | | | | | |

Warps By Mutable Instruments
Parasites By Matthias Puech
Info/sheet Prepared By D.Fyans
For Reference Only With Endless Thanks To The Above